

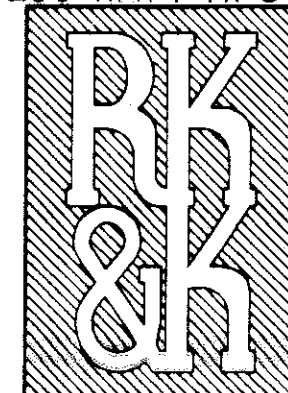
EQUIPMENT LIST
B. Equipment to be furnished and/or installed by the Contractor:

QUANTITY	UNIT	SPEC. SECTION	DESCRIPTION
2	CY	205	Test pit excavation.
17	CY	801	Concrete foundation for signal poles and traffic signal controller cabinet.
320	LF	804	Bare copper ground wire (No. 6 A.W.G.).
25	LF	805	1 1/4" electrical conduit - galvanized riser
75	LF	805	1" electrical conduit detector wire sleeve.
5	LF	805	2" schedule 40 electrical conduit-trenched/buried
10	LF	805	2" schedule 80 electrical conduit-trenched/buried.
70	LF	805	2" schedule 80 electrical conduit-pushed under existing pavement
550	LF	805	3" schedule 40 electrical conduit-trenched/buried.
30	LF	805	4" schedule 40 electrical conduit-trenched/buried
400	LF	805	4" schedule 80 electrical conduit-pushed under existing pavement.
1	EA	806	20 FT lighting arm and 250 Watt HPSV luminaire
1	EA	807	Control and distribution equipment.
2350	LF	810	7-Conductor electrical cable (No. 14 A.W.G.).
130	LF	810	5-Conductor electrical cable (No. 14 A.W.G.).
1150	LF	810	3-Conductor electrical cable (No. 14 A.W.G.).
370	LF	810	2-Conductor electrical cable (No. 14 A.W.G.).
490	LF	810	2-Conductor electrical tray cable (No. 12 A.W.G.).
3240	LF	810	2-Conductor electrical cable (Aluminum Shielded).
3150	LF	810	Loop wire (No. 14 A.W.G.) encased in 1/4" flexible tube.
90	LF	810	1-Conductor electrical cable (NO. 4 A.W.G.) - THHN/THWN.
60	LF	810	1-Conductor electrical cable (No. 8 A.W.G.) bare copper.
14	EA	811	Handhole.
74	LF	812	6" x 6" wood sign support.
40	LF	812	Install ground mounted sign.
1170	LF	815	Sawcut.
9090	LB	800	Traffic signal poles and mast arms: 27' steel pole with single 42 foot mast arm (NOTE: four, 1 1/2" X 60" anchor bolts). 27' steel pole with single 60 foot mast arm (NOTE: four, 1 3/4" X 90" anchor bolts). 27' steel pole with twin 50 and 64 foot mast arm (NOTE: four 2" x 90" anchor bolts.)
96	LB	800	Galvanized traffic signal pedestal poles: 8 foot breakaway pedestal pole
148	LF	812	6" x 6" wood sign support.
300	EA	813	Install overhead sign.
80	EA	813	Install ground mounted sign.
17	EA	814	Install signal head - mast arm mount.
3	EA	814	Install pedestrian signal head - pole mount.
1	EA	814	Install pedestrian signal head - pedestal mount.
1	EA	816	Install 8 phase (fully actuated controller and cabinet - base mount.
2	EA	817	Install pushbutton and sign.
170	LF	SP-555	24" white permanent preformed pavement marking tape.
630	LF	SP-555	12" white permanent preformed pavement marking tape.
1	EA	-	As-built plans for traffic signal.
1	EA	806	15' lighting arm and 250 WATT HPS luminaire.
1	EA	806	10' lighting arm and 250 WATT HPS luminaire.

A. Equipment to be supplied by State Highway Administration:

QUANTITY	UNIT	SPEC. SECTION	DESCRIPTION
300	SF	813	Sheet aluminium signs to consist of: One piece shield assembly with proper hardware for pole mount: 24"x12" M3-2 sign "EAST", 30" X 24" M1-6 sign "MARYLAND 458" (route shield for independent use) 21" x 15" M6-1 (arrow) directional One piece shield assembly with proper hardware for pole mount: 30" x 15" M3-4 sign "WEST", 48" X 36" M1-6 sign "MARYLAND 458" (route shield for independent use), 30" x 24" M6-1 (arrow) directional One piece shield assembly with proper hardware for pole mount: 24" x 12" M3-4 sign "WEST", 30" x 24" M1-6 sign "MARYLAND 458" (route shield for independent use), 21" x 15" M6-1 (arrow) directional One piece shield assembly with proper hardware for pole mount: 30" x 15" M3-2 sign "EAST", 48" x 36" M1-6 sign "MARYLAND 458" (route shield for independent use), 30" x 24" M6-1 (arrow) directional Variable X 16" D3-2 sign (road name panel) with proper hardware for mast arm mount. Variable X 32" D3-2 (road name panel) with proper hardware for mast arm mount. 30"x36" R3-5 sign (arrow-left turn) "Only" with proper hardware for mast arm mount. 48" x 48" W3-3 sign (signal ahead symbol) with proper hardware for ground mount. 24" x 24" sign panel "NEW" with proper hardware for ground mount.
5	EA	814	12" one-way, three-section (R,Y,G) traffic signal head having proper hardware for mast arm mount.
6	EA	814	12" one-way, three-section (RA,YA,GA) traffic signal head having proper hardware for mast arm mount.
2	EA	814	12" one-way, four-section (R,Y,G,GA) traffic signal head having proper hardware for mast arm mount.
2	EA	814	12" one-way, two-section pedestrian signal head (symbolic) with adjustable bracket for pole mounting and cutaway visors.
1	EA	814	12" two-way, two-section pedestrian signal head (symbolic) with adjustable brackets for pole mounting and cutaway visors.
1	EA	814	12" two-way, two-section pedestrian signal head (symbolic) with adjustable brackets for pedestal mounting and cut-away visors.
1	EA	816	Eight-phase (fully-actuated) traffic signal controller in base mounted cabinet.
2	EA	817	Pedestrian push button and sign

SS-06



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REVISIONS: 3/12/99 <input type="checkbox"/> APPROVED T.S. PLANS PER PCO 67		APPROVALS: CHIEF SIGNAL DESIGN SECTION ASST. DISTRICT ENGINEER TRAFFIC CHIEF TRAFFIC ENGINEERING DESIGN DIVISION DIRECTOR OFFICE OF TRAFFIC & SAFETY		MDOT - STATE HIGHWAY ADMINISTRATION Office of Traffic & Safety TRAFFIC ENGINEERING DESIGN DIVISION LOG MILE #16045801.07	
DRAWN BY: ZAJ		DES. BY: ZAJ		MD 458 (SILVER HILL ROAD)	
CHK. BY: [Signature]				© NAVY DAY DRIVE	
				GENERAL INFORMATION	
DATE: SEPTEMBER, 1995		W.M.A.T.A. NO. 1F0091		COUNTY: PRINCE GEORGE'S	
SCALE: 1"=20'		S.H.A. NO.		TS NO.: 3514-GI-2	
				SHEET NO. M936-907	